



DEPARTMENT OF THE NAVY
NORTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
16 INDUSTRIAL HIGHWAY
MAIL STOP, 883
LESTER, PA 19113-2088

IN REPLY REFER TO:

5090

Code 09TB/JC

01 JUN 2000

MEMORANDUM

FOR THE MEMBERS OF THE RESTORATION ADVISORY BOARD (RAB) FOR THE INSTALLATION RESTORATION PROGRAM AT NAVAL WEAPONS INDUSTRIAL RESERVE PLANT (NWIRP) CALVERTON, NEW YORK

The Navy is re-issuing the workplan to conduct environmental investigations at Installation Restoration (IR) Site 9 - Electronic Countermeasures (ECM) Area and adjacent, offsite property located at the Naval Weapons Industrial Reserve Plant (NWIRP) Calverton, New York. The description of work to be conducted was part of the Navy's Phase 2 RCRA Facility Investigation (RFI) Field Sampling Plan, dated January 1997. This document also included environmental work that was to be conducted at other locations within NWIRP Calverton property.

Previous groundwater sampling detected the presence of chlorinated solvents in monitoring wells located at the easternmost property boundary of Site 9. Although the levels detected were considered to be low level, they were in excess of the Maximum Contaminant Levels (MCLs) for groundwater and it was suspected that the contaminant plume may have migrated onto privately owned land located adjacent to the Navy's property. These results were shared with the New York State Department of Environmental Conservation (NYSDEC) and the Suffolk County Department of Health Services (SCDHS) and it was jointly decided to move onto the adjacent land to determine the nature and extent of groundwater contamination.

Subsequently, the Navy prepared and submitted the Phase 2 RFI Field Sampling Plan to Calverton's regulatory agencies and received no adverse comments. However, when the Navy requested access to the property to implement the Sampling Plan, the landowner at that time denied the Navy's request. To date, the land adjacent to IR Site 9 has been sold to another party. The Navy recently approached the new landowner with a similar request for access to the property in order to conduct groundwater investigations and this time, the request was granted. Therefore, the enclosed sampling plan is being re-issued to again outline the fieldwork that is being proposed. Changes to well locations and the number of wells to be installed had to be revised due to the changes in land use by the new owner.

Implementation of the enclosed Field Sampling Plan is anticipated to begin during the week of June 19, 2000.

If you have any questions or would like to discuss the enclosed document further, please give me a call at (610) 595-0567, extension 163.

Sincerely,



JAMES L. COLTER
Remedial Project Manager
By direction of the
Commanding Officer

Enclosure: (1) Phase 2 RFI Field Sampling Plan for IR Site 9

Distribution:

Naval Air Systems Command, Joe Kaminski
NYSDEC (Albany), Steve Pascal
NYSDEC (Stony Brook), Stan Farkas
NYS Department of Health, Bill Gilday
Suffolk County Department of Health, Jim Pim
EPA Region II, Carol Stein
The Nature Conservancy, Marilyn Jordan
J.A. Jones, Inc., Al Taormina (3 copies)
DCMC, Martin Simonson
Town of Riverhead, Andrea Lohneiss
Restoration Advisory Board, Community Members Mailing List

ATTACHMENT

FIELD SAMPLING PLAN FOR PHASE 2 - RFI AT NWIRP CALVERTON NEW YORK

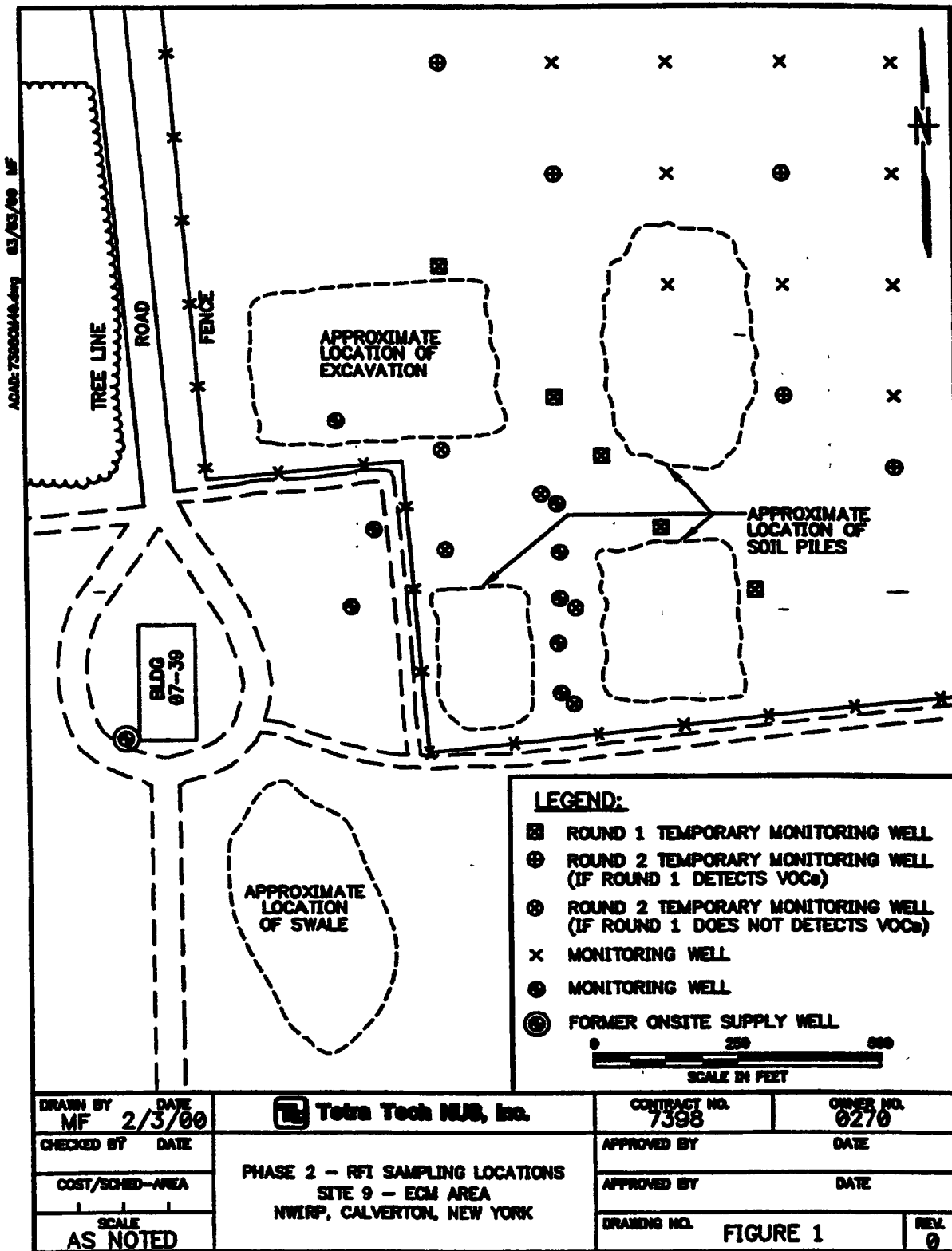
This Field Sampling Plan has been prepared under Contract Task Order (CTO) 0270 by Tetra Tech NUS under the Comprehensive Long-Term Environmental Action Navy (CLEAN) Contract N62472-90-D-1298. This plan is a reissuance of the Site 9 - ECM Area portion of the Phase 2 - RCRA Facility Investigation Field Sampling Plan dated January 1997. The purpose of this plan is to describe field activities to be performed as part of a Phase 2 Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) at the Naval Weapons Industrial Reserve Plant, Calverton New York.

The work described in this plan is based on recommendations for additional field investigation activities described in the Navy's RFI and RCRA Facility Assessment (RFA) reports, as well as comments from the New York State Department of Environmental Conservation. A description of the Site 9 field activities is provided in Table 1 and Figure 1. This plan was revised in March 2000 to add two additional temporary monitoring wells (total five) during the initial investigation and a total of five wells during the followup work (instead of three previously proposed). Also, the two on site monitoring wells will be sampled.

This plan has been prepared as an addendum to the RFI Work Plan. As a result, all details on sampling procedures, analytical methodology, history, etc. can be found in the RFI Work Plan for the Site. The one exception to the Work Plan is that the quick turn-around samples will also be analyzed for chloroethane.

TABLE 1
SUMMARY OF FIELD TASKS - SITE 9 (ECM AREA)
PHASE II RFI - CTO 270
NWIRP, CALVERTON, NEW YORK

ACTIVITY	NOMENCLATURE	ANALYSIS	COMMENTS
<p>Install 10 temporary monitoring wells. Five locations will be predetermined. GW samples will be collected from 2 depths; (approximately 5 ft. and 20 ft. below the water table).</p> <p>If the groundwater sample collected at 20 feet is contaminated, and in particular, is more contaminated than the shallow sample, then additional samples may be collected at 40 feet and/or 60 feet. The 40 and/or 60 feet samples will be generally collected at the next hydraulically downgradient well point.</p>	ECM-TW07-X-XX thru ECM-TW16-X-XX	VOC's - Quick Turnaround	X-XX equals the number and depth at which each sample is collected, e.g. ECM-TW13-1-05 equals the initial sample collected from ECM TW 13 at a depth of 5 ft.
The existing permanent monitoring wells ECM-MW01 and ECM-MW02 will be sampled.	ECM-MW01-0006 and ECM-MW02-0006	VOC's - Quick Turnaround	0006 refers to June 2000.



03/03/00 14:00:00 MF